

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/005753 A1

(51) International Patent Classification⁷: E04H 12/30, (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/AU2004/000933

(22) International Filing Date: 9 July 2004 (09.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 2003903578 11 July 2003 (11.07.2003) AU

(71) Applicant (for all designated States except US): BLUESCOPE STEEL LIMITED [AU/AU]; Level 11, 120 Collins Street, Melbourne, Victoria 3000 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WALLACE, Neil, Edwin [AU/AU]; 80 Crest Road, ALBION PARK, New South Wales 2527 (AU). CROPP, Andrew, William [AU/AU]; 6 Koel Place, WORONORA HEIGHTS, New South Wales 2233 (AU).

(74) Agent: GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

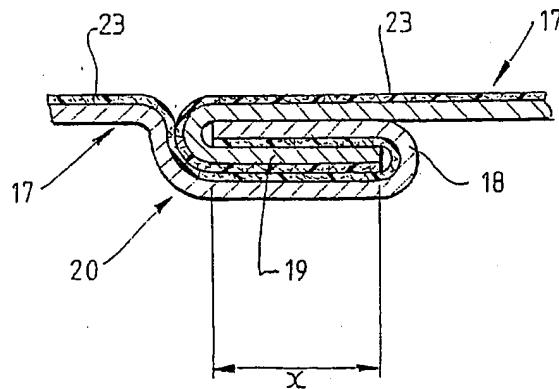
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: WATERTIGHT JOINT



WO 2005/005753 A1

(57) Abstract: A article (10) formed at least partially from at least one metal sheet incorporates at least one lockseam (20) that interconnects adjacent edge margins (18 and 19) of the sheet 17. The lockseam (20) includes a region where the edges overlap and wherein at least one of the edge margins has a coating (23) applied to it that is disposed in the overlap and forms a gasket to provide a watertight at the lockseam. A method of forming the lockseam is also disclosed.